| ••• | <br><b>.</b> | aims |  |
|-----|--------------|------|--|
|     |              |      |  |

10/006,927

Examiner

Date

Shefali D. Patel

Applicant(s)/Patent under Reexamination

RUI ET AL.

Art Unit

2624

| <b>√</b> | Rejected |
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| H        | Allowed  |
|          |          |
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| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

Claim

| N | Non-Elected  |
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| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|     |  |  | <u> </u>     | <u> </u> |          |            |              | ı   |          |          |          |   |
|-----|--|--|--------------|----------|----------|------------|--------------|---|----------|----------|----------|---|
|     |  |  |              |          |          |            |              |   |          |          |          |   |
|     | Cla                                    | aim  |              |          |          | (          | Date         | е   |          |          |          |   |
| - 1 |  | ı  |              |          |          |            |              |   |          |          | Г        |   |
|     | _                                      | a  | 90/6/9       |          |          |            |              |   | ì        |          |          |   |
|     | Final                                  | ∷_5  | 8            |          |          |            |              |   |          |          |          |   |
| - 1 | ш                                      | Original   | Ŋ,           |          |          |            |              |   | l        |          |          |   |
| ļ   |  |  | L            | _        | _        |            |              |   | _        | _        |          |   |
| ١   |  | 1  |              | _        |          |            |              |   | _        | <u> </u> |          |   |
| - 1 | 2                                      | 2  | =            |          |          |            |              | L.,   |          |          |          |   |
| - [ | 3                                      | 3  | =            |          |          |            |              |   |          |          |          |   |
| - [ | 4                                      | 4<br>5<br>6  | =            |          |          |            |              |   |          |          |          |   |
| - 1 | 5                                      | 5  | =            |          |          |            |              |   |          |          |          |   |
| Ì   | 6                                      | 6  | =            |          |          |            | Г            |   |          |          |          |   |
| Ì   | 2<br>3<br>4<br>5<br>6<br>7             | 7  | ╘            |          |          |            |              |   |          |          |          |   |
| ì   | 8                                      |  | =            |          |          |            |              | $\vdash$  | $\vdash$ | $\vdash$ |          |   |
| ł   | 1                                      | 8  | ╘            | -        | -        | _          | <del> </del> | $\vdash$  | _        |          | -        |   |
| ł   | 9                                      | 10   | =            |          | $\vdash$ | -          |              | $\vdash$  | _        | ┢        | $\vdash$ |   |
| ŀ   | 10                                     | 14   | <del>-</del> | -        | $\vdash$ | $\vdash$   | -            | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$ |   |
| ŀ   | 10                                     | 11   | =            | $\vdash$ | $\vdash$ | <u> — </u> | <del> </del> | <b> </b>  | <u> </u> | $\vdash$ | $\vdash$ |   |
| ļ   | 17                                     | 12   | ▝▔           | $\vdash$ | $\vdash$ | <u> </u>   | $\vdash$     | <u> </u>  | _        | ⊢        | $\vdash$ |   |
| ļ   | 10<br>11<br>12<br>13<br>14<br>15<br>16 | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>20<br>21<br>22<br>23<br>24<br>25<br>28<br>29 | =            | L        | <u> </u> | L-         | <u> </u>     |   |          | <u> </u> | L        |   |
| ļ   | 13                                     | 14   | =            | oxdot    | Щ        | <u> </u>   | L_           |   | L        | L_       |          |   |
| I   | 14                                     | 15   | =            |          |          |            |              |   |          | L        |          |   |
|     | 15                                     | 16   | =            |          |          |            |              |   |          |          |          |   |
|     | 16                                     | 17   | =            |          |          |            | I            |   |          |          |          |   |
| 1   | 17                                     | 18   | =            |          |          |            |              |   |          |          |          |   |
| - 1 |  | 1/9  |              |          |          |            |              |   |          |          |          |   |
| -   |  | 70   |              | _        |          |            |              |   |          |          |          |   |
| ı   |  | 71   | $\vdash$     |          |          |            | $\vdash$     |   |          | _        | _        |   |
| ł   |  | 32   | Н            |          |          | $\vdash$   | ┝            | -   |          | ┝        |          |   |
| ŀ   |  | 12   | Н            | $\vdash$ |          | ┝          |              |   |          | ├        |          |   |
| ı   |  | 43   | -            |          | -        | _          | ⊢            | $\vdash$  |          | ├        |          |   |
| ŀ   |  | 4  |              |          |          |            | ⊢            | -   | _        | <u> </u> | <u> </u> | ′ |
|     |  | 42   |              |          |          | _          | <u> </u>     |   |          | <u> </u> | <u> </u> | l |
| ١   |  | 46   |              |          |          | _          | <u> </u>     | ļ   | _        | <u> </u> | L.       |   |
|     |  | 27   |              |          |          |            | _            |   |          |          |          |   |
| ļ   |  | 28   |              |          |          |            | <u> </u>     | $ldsymbol{ld}}}}}}$ | _        | <u> </u> |          |   |
| l   |  | 29   |              |          |          |            |              | <u> </u>  |          | <u></u>  |          |   |
| - 1 |  | 30   |              |          |          |            |              |   |          |          |          |   |
|     |  | 31   |              |          |          |            |              |   |          |          |          |   |
| Į   |  | 32   |              |          |          |            |              |   |          |          |          |   |
| Ì   |  | 32<br>33   |              |          |          |            |              |   |          |          |          |   |
| Ì   |  | β4   |              |          |          |            |              |   |          |          |          |   |
| Ì   |  | 85   |              |          |          |            |              |   |          | $\vdash$ | $\vdash$ |   |
| ł   | -                                      | 85<br>36<br>37   |              |          |          |            |              |   | _        |          |          |   |
| ł   |  | 37   | <b></b>      |          |          | Н          | $\vdash$     | $\vdash$  | _        | $\vdash$ | $\vdash$ |   |
| ł   |  | 36   |              |          |          | H          | Н            | $\vdash$  |          |          |          |   |
| ŀ   |  | 38<br>39   |              | -        |          |            |              |   |          | -        |          |   |
| ŀ   |  | 39   |              | _        | $\vdash$ |            | <u> </u>     |   | _        | ⊢        | _        |   |
| ļ   |  | 40   | Ь.           | L        | <u> </u> | <u> </u>   | ⊢            | $\vdash$  |          | Ь.       | Щ        |   |
| ļ   |  | 41   |              |          |          | <u> </u>   | _            | $\vdash$  |          | ļ        |          |   |
| ļ   |  | 42   | L            | Щ        | ļ.,      |            | Ш            | $oxed{oxed}$  |          | Ь        | Ш        |   |
| ļ   |  | 4β   | L            | Ш        | Ш        |            |              |   |          |          |          |   |
| Į   |  | 44   |              |          |          |            | Ш            | $oxed{oxed}$  |          | <u>_</u> |          |   |
| Į   |  | 45   |              |          |          |            |              |   |          |          |          |   |
| ſ   |  | 46   |              |          |          |            |              |   |          |          |          |   |
| 1   |  | 47   |              |          |          |            |              |   |          |          |          |   |
| -   |  | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4  |              |          |          |            |              |   |          |          |          |   |
| 1   |  | <b>X</b> 69  |              |          |          |            |              |   |          |          |          |   |
| ı   |  | <u>.5</u> 6  |              |          |          | П          | Г            |   |          | Г        |          | ŀ |
|     |  |  |              |          |          |            |              |   |          |          |          |   |

| Final    | Original                         | 90/6/9 |          |               |          |  |          |          |          |               |
|----------|----------------------------------|--------|----------|---------------|----------|--|----------|----------|----------|---------------|
|          | 54                               |        | <u> </u> | -             |          |  |          |          |          |               |
|          | <u> </u>                         |        |          | $\vdash$      | $\Box$   |  |          |          | Т        | $\overline{}$ |
|          | 53                               |        |          |               |          |  |          |          |          |               |
|          | 54                               |        |          |               |          |  |          |          |          |               |
|          | 55                               | _      | Г        | $\overline{}$ |          |  |          |          |          |               |
|          | 56                               |        |          |               |          |  |          |          |          |               |
|          | 57                               |        |          |               |          |  |          |          |          |               |
|          | 58                               |        |          |               |          |  |          |          |          |               |
|          | 59                               |        |          |               |          |  |          |          |          |               |
|          | 57<br>55<br>59<br>69             |        |          |               |          |  |          |          |          |               |
|          | 61                               |        |          |               |          |  |          |          |          |               |
|          | 61<br>62                         |        |          |               |          |  |          |          |          |               |
|          | 63<br>64                         |        |          |               |          |  |          |          |          |               |
|          | 64                               |        |          |               |          |  |          |          |          |               |
|          | 65                               |        |          |               |          |  |          |          |          |               |
|          | 66                               |        |          | <u>`</u>      |          |  |          |          |          |               |
|          | 67<br>68                         |        |          |               |          | $oxed{oxed}$                                     |          |          |          |               |
|          | 68                               |        |          |               |          |  |          |          |          |               |
|          | .69,                             |        |          |               |          |  |          |          |          |               |
|          | <b>A</b>                         |        |          |               |          |  |          |          |          |               |
|          | X                                |        |          |               |          |  |          |          |          |               |
| 18<br>19 | 72                               | =      |          |               |          |  |          |          |          |               |
| 19       | 73                               | =      |          |               |          | $oxed{oxed}$                                     |          |          |          |               |
|          | 72<br>73<br>74<br>75<br>76<br>77 |        |          |               |          |  |          |          |          |               |
|          | 75                               |        |          |               |          | L_   |          |          |          |               |
|          | 76                               |        | _        | _             | _        | L_   |          | _        |          |               |
|          | 77                               |        |          |               |          | _  |          |          |          |               |
|          | 78<br>79                         | _      |          | _             |          | $oxed{oxed}$                                     |          |          |          |               |
|          | 79                               |        |          |               |          | _  |          |          |          |               |
|          | 80                               |        |          |               |          | L  |          |          |          |               |
|          | 81                               | _      |          | _             |          | L  |          |          |          |               |
|          | 82<br>83                         | _      |          |               |          |  |          |          |          |               |
|          | 83                               |        |          |               | _        | $\vdash$   | _        |          |          | _             |
|          | 84                               |        |          | $\vdash$      | -        |  |          | $\vdash$ | -        | <u> </u>      |
|          | 85<br>86                         | _      | _        | -             | -        | -  | _        | <u> </u> |          | -             |
|          | 97                               |        |          | -             |          |  | -        | -        | -        | _             |
|          | 87<br>88                         | _      |          | $\vdash$      | $\vdash$ | ┝  |          |          | -        |               |
|          | 89                               | _      | -        | $\vdash$      | $\vdash$ | -  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$      |
|          | 90                               | _      |          | _             | _        | -  | -        | _        |          | _             |
|          | 91                               |        | _        | $\vdash$      |          | <del> </del>                                     |          |          | _        | _             |
|          | 92                               |        | Н        | $\vdash$      | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$      |
|          | 93                               |        |          | $\vdash$      |          | $\vdash$   | $\vdash$ | H        | Н        |               |
|          | 94                               | -      | $\vdash$ | $\vdash$      | $\vdash$ | <del>                                     </del> |          | $\vdash$ |          | $\vdash$      |
|          | 95                               |        | $\vdash$ | $\vdash$      | -        | -  | $\vdash$ | Н        | -        | $\vdash$      |
|          | 96                               |        | -        | $\vdash$      |          |  |          |          |          | -             |
|          | 97                               |        | $\vdash$ | $\vdash$      | Ι        | $\vdash$   |          |          |          | $\vdash$      |
|          | 98                               |        | Т        | -             | $\vdash$ | Н  | Н        | Н        | $\vdash$ | _             |
|          | 99                               | Н      | П        | Н             |          |  |          | -        |          |               |
|          | 100                              |        | Г        | Г             | Т        | Г  |          |          |          |               |

| Claim       |  | Date     |              |  |              |                |          |            |  |                 |
|-------------|--|----------|--------------|--|--------------|----------------|----------|------------|--|-----------------|
|             |  |          |              |  |              |                |          |            |  |                 |
| <u></u>     | Original                               |          |              |  |              |                |          |            | ,  |                 |
| Final       | rig                                    |          |              |  |              |                |          |            |  |                 |
|             | 0                                      |          |              |  |              |                |          |            | ١.   |                 |
| -           | 101                                    | -        | -            |  |              |                |          | Н          | Н  | $\vdash$        |
|             | 101<br>102                             | _        |              | -  |              |                | -        | Н          | $\vdash$   |                 |
|             | 103                                    |          | -            | ┝  | -            |                | _        | $\vdash$   | Н  | Н               |
|             | 103<br>104<br>105                      | -        | _            | $\vdash$   |              | -              |          |            | Η.   | H               |
|             | 105                                    | -        | -            | $\vdash$   | -            |                |          | H          | ⊢  | H               |
|             | 106                                    | -        |              | -  | -            |                |          | $\vdash$   |  | Н               |
|             | 100                                    | H        | -            |  |              | _              | _        | $\vdash$   | H  | Н               |
|             | 106<br>107<br>108<br>109               | _        | _            |  |              |                |          | -          | H  |                 |
|             | 100                                    |          | -            | $\vdash$   | _            | -              | _        | ├          | -  | $\vdash$        |
|             | 109                                    | -        | -            | H  | -            | $\vdash$       | _        | -          | -  | $\vdash$        |
| <b></b> -   | 110                                    |          | -            | $\vdash$   | H            | H              | $\vdash$ | $\vdash$   | $\vdash$   | Н               |
|             | 111<br>112<br>113                      | -        | -            | 1  | H            | H              | <u> </u> | $\vdash$   | H  | Н               |
| <b>.</b>    | 112                                    | <u> </u> | <u> </u>     | -  | Ь.           | L              | Ш        | $\vdash$   | <u> </u>   | Щ               |
| $\vdash$    | 113                                    | $\vdash$ | _            | H  | <u> </u>     | <u> </u>       | <u> </u> | <u> </u>   | <u> </u>   |                 |
|             | 114<br>115<br>116                      | $\vdash$ | <u> </u>     | <u> </u>   | _            | L              |          | $\vdash$   | ļ  | Щ               |
|             | 115                                    | _        | _            | $\vdash$   | _            | <u> </u>       |          | $\vdash$   |  | Ш               |
| L           | 116                                    | L.,      | <u> </u>     | <u> </u>   | L            | Ш              | L.       | $\vdash$   | $oxed{oxed}$                                     | Ш               |
| L           | 117<br>118<br>119<br>120<br>121        | Щ        | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | <u> </u>     | <u> </u>       | L_       | Щ          | <u> </u>   | Ш               |
| <u> </u>    | 118                                    |          |              |  |              |                |          |            |  |                 |
|             | 119                                    |          | L            | L  |              |                |          |            |  | Ш               |
|             | 120                                    |          |              |  |              |                |          |            |  |                 |
|             | 121                                    |          |              |  |              |                |          |            |  |                 |
|             | 122                                    |          |              |  |              |                |          |            |  |                 |
|             | 123                                    |          |              |  |              |                |          |            |  |                 |
|             | 122<br>123<br>124                      |          | Г            |  |              |                |          |            | Г  |                 |
|             | 125<br>126                             |          |              |  |              |                |          |            |  |                 |
|             | 126                                    |          |              |  |              |                |          |            |  | П               |
|             | 127<br>128<br>129<br>130<br>131<br>132 |          |              |  |              |                |          |            |  | П               |
|             | 128                                    |          | $\vdash$     |  |              |                |          |            |  | П               |
|             | 129                                    |          |              | _  |              |                | _        |            |  |                 |
|             | 130                                    |          |              |  |              |                |          |            |  |                 |
|             | 131                                    | _        |              |  |              | $\overline{}$  |          |            |  | П               |
| <b></b>     | 132                                    |          |              |  |              |                | _        | П          | Г  |                 |
|             | 133                                    |          |              | _  |              |                | П        | Н          | <del>                                     </del> | Н               |
| $\vdash$    | 133<br>134<br>135                      |          |              | П  |              |                |          | $\vdash$   | 1  | Н               |
|             | 135                                    | Н        |              |  |              | $\vdash$       | Н        | Н          | $\vdash$   | $\vdash$        |
|             | 136                                    |          |              |  |              |                | Н        | Н          |  | H               |
|             | 136<br>137                             |          |              | _  |              | $\vdash$       | _        | $\vdash$   | _  | Н               |
|             | 138                                    | $\vdash$ |              | -  |              |                |          | $\vdash$   | $\vdash$   | $\vdash$        |
| $\vdash$    | 138<br>139                             | Н        | $\vdash$     | $\vdash$   | -            | $\vdash$       |          | $\vdash$   | $\vdash$   | Н               |
| $\vdash$    | 140                                    | $\vdash$ | -            | -  | <del>-</del> | $\vdash$       | Н        | Ι-         |  | Н               |
|             | 4 4 4                                  | -        | $\vdash$     | $\vdash$   |              |                | -        | -          | <del> </del>                                     | Н               |
| -           | 141                                    | -        | <del>-</del> | $\vdash$   | <del> </del> | $\vdash$       | $\vdash$ | Н          | $\vdash$   | Н               |
| H           | 143                                    |          | $\vdash$     | H  | -            |                |          | -          | -  | Н               |
|             | 144                                    | -        | ├            | <del>                                     </del> | <u> </u>     |                | -        |            |  | $\vdash \vdash$ |
|             |  | <u> </u> | <del> </del> | -  | -            | <del> </del> — | $\vdash$ | $\vdash$   | <del> </del> —                                   | Н               |
| <b></b>     | 145                                    | <u> </u> | <u> </u>     | -  | <u> </u>     | <u> </u>       | <u> </u> | -          |  | Н               |
| <del></del> | 146                                    | <u> </u> | <u> </u>     | <del> </del>                                     | <del> </del> | <u> </u>       | $\vdash$ | $\vdash$   | <del> </del>                                     | Н               |
| L           | 147                                    | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u>       | $\vdash$ | <u> </u>   | <u> </u>   | Н               |
| <u> </u>    | 148                                    | L        | <u> </u>     | <u> </u>   | L.           | <u> </u>       |          | <u> </u>   | <u> </u>   | Щ               |
| <b> </b>    | 149                                    | oxdot    | <u> </u>     | <u> </u>   | <u> </u>     | $\vdash$       | _        | <u> </u>   | _  | Ш               |
|             | 150                                    | L        |              |  |              | L              | L        | <u>L</u> _ | L_   | Ш               |